

1. Introduction

Overview

- 1.1 This Environmental Statement (ES) is part of a suite of documents that support a detailed planning application for a new Anfield Road Stand, alongside an application for the permanent use of the whole stadium for events (hereafter collectively referred to as the 'Application') by Liverpool Football Club and Athletic Grounds Limited (the 'Applicant'). The proposals are hereafter referred to as the 'Proposed Scheme'.
- 1.2 Turley are commissioned by the Applicant to undertake the Environmental Impact Assessment (EIA) and subsequent ES, with support from a competent project team (as set out in **Table 1.2**), that reports the assessment of likely significant effects of the construction and operational phases of the Proposed Scheme, which for the purpose of planning permission is defined as:
- "Full planning permission for:*
- (i) *The partial demolition and extension of the Anfield Road Stand to provide up to 7,000 additional seats and internal facilities including general admission concourses, hospitality lounges, a family fan zone, club offices, staff facilities and plant and equipment; with associated public realm; lighting; landscaping and associated infrastructure.*
- (ii) *Use of Anfield Stadium for other team sporting events and to host up to 12 concerts and / or major events per annum"*
- 1.3 Further details of the Proposed Scheme are set out within **Chapter 4: The Proposed Scheme**.
- 1.4 The site for the Proposed Scheme (the 'Site'), shown on **Site Location Plan (Figure 1.1)**, extends to approximately 7.3 hectares (ha) in size and covers the Stadium and Anfield Road Stand (the northernmost stand) at Anfield Stadium in Liverpool, alongside an area within Stanley Park. The Site and surrounds are discussed further in **Chapter 3: Description of the Site and Surrounds**.
- 1.5 This ES is one of the supporting documents submitted in support of the Application and is a material consideration of the determination of the Application¹ by Liverpool City Council (LCC), who are the determining authority. The ES is the output of the EIA process undertaken in accordance with the Town and Country Planning (Environmental Impact Assessment) Regulations 2017 (as amended) (SI2017/571)² hereafter referred to as the 'EIA Regulations'.

Definition and Aims of EIA

- 1.6 EIA is defined by Regulation 4 of the EIA Regulations as *"a process consisting of:*
- *The preparation of an environmental statement;*
 - *Any consultation, publication and notification required by, or by virtue of, these Regulations of any enactment in respect of EIA development; and*
 - *The steps required under Regulation 26"*

- 1.7 The aim of EIA, as defined by online Planning Practice Guidance (PPG)³, is “...to protect the environment by ensuring that a local planning authority when deciding whether to grant planning permission for a project, which is likely to have significant effects on the environment, does so in the full knowledge of the likely significant effects, and takes this into account in the decision making process. The regulations set out a procedure for identifying those projects which should be subject to an Environmental Impact Assessment, and for assessing, consulting and coming to a decision on those projects which are likely to have significant environmental effects”.
- 1.8 The EIA Regulations do not require the ES to assess compliance with planning policy. It is the role of the **Planning Statement**, which accompanies the Application to examine the merits of the Proposed Scheme against relevant national, regional and local planning policy. Where planning policy has informed approaches to assessment within **Technical Chapters 6 - 12**, this has been clearly referenced within the chapters.

Legal Framework for EIA

- 1.9 The EIA Regulations require that prior to consent being granted, for certain types of projects, an EIA must be undertaken. The EIA Regulations set out the types of projects where EIA is always required, referred to as *Schedule 1 development(s)*, as well as instances where a project may require an EIA if it is likely to result in significant environmental effects, referred to as *Schedule 2 development(s)*. Projects that generally fall under Schedule 2 normally undergo an EIA Screening exercise, undertaken by the competent determining authority, to determine whether the project would result in likely significant effects on the environment.
- 1.10 The Proposed Scheme could be considered to meet the description set out under *Schedule 2 10 (b) – urban development projects* and is considered to exceed the corresponding threshold /criteria, in that the area of the Proposed Scheme exceeds 1ha. The Proposed Scheme could also be considered to meet the description set out under *Schedule 2 13(b)* as a *change or extension* to a Schedule 2 10 (b) project.
- 1.11 The Site is not located within a ‘Sensitive Area’ as defined by Regulation 2 of the EIA Regulations. Given the characteristics of the Proposed Development, the Applicant elected to prepare an ES rather than proceed within the EIA Screening process.
- 1.12 For projects determined to be EIA development, an ‘EIA Scoping Opinion’ can be requested from the determining authority prior to completion of the ES. In accordance with Regulation 15, Paragraph 1 of the EIA Regulations. A formal request for an EIA Scoping Opinion supported by an EIA Scoping Report (**Appendix 2.1**) was submitted to LCC in January 2020. An EIA Scoping Opinion (**Appendix 2.2**) was received from LCC on 6 February 2020. Further details of the scoping process is provided within **Chapter 2: Approach to EIA**, which also provides an overview of the wider EIA methodology and procedure adopted throughout the EIA.
- 1.13 The findings of the assessments undertaken following the scoping process are presented in this ES, which has been prepared in accordance with Regulation 18, Paragraph 3 – 4 and Schedule 4 of the EIA Regulations, as well as PPG⁴. **Table 1.1** provides a breakdown of the information required to be included within an ES as defined by the EIA Regulations, as well as where the respective information is located within the ES.

Table 1.1: Required information, as specified by EIA Regulations, and its location within the ES

Regulation 18	Schedule 4	Location within this ES
<p>(3) an environmental statement is a statement which includes at least -</p> <p>(a) a description of the proposed development comprising information on the site, design, size and other relevant features of the development.</p>	<p>(1) a description of the development including in particular:</p> <p>(a) a description of the location of the development;</p> <p>(b) a description of the physical characteristics of the whole development, including, where relevant, required demolition works, and the land use requirements during the construction and operational stages;</p> <p>(c) a description of the main characteristics of the operational phase of the development (in particular any production processes), for instance, energy demand and energy used, nature and quantity of the materials and natural resources (including water, land, soil and biodiversity) used; and</p> <p>(d) an estimate, by type and quantity, of expected residues and emissions (such as water, air, soil and subsoil pollution, noise, vibration, light, heat, radiation) and quantities and types of waste produced during the construction and operation phases.</p>	<p>Chapter 3: Description of the Site and Surrounds, Chapter 4: The Proposed Scheme; and Technical Chapters 6 – 12 where applicable.</p>
<p>(3) (b) a description of the likely significant effects of the proposed development on the environment.</p>	<p>(5) a description of the likely significant effects of the development on the environment resulting from, inter alia:</p>	<p>Technical Chapters 6 – 12 where applicable and Chapter 13: Assessment of Cumulative Effects.</p>

Regulation 18	Schedule 4	Location within this ES
	<p>(a) the construction and existence of the development, including, where relevant, demolition works;</p> <p>(b) the use of natural resources, in particular land, soil, water and biodiversity, considering as far as possible the sustainable availability of these resources;</p> <p>(c) the emissions of pollutants, noise, vibration, light, heat and radiation, the creation of nuisances and the disposal and recovery of waste;</p> <p>(d) the risk to human health, cultural heritage or the environment (for example due to accidents or disasters);</p> <p>(e) the cumulation of effects with other existing and/or approved projects, taking into account any existing environmental problems relating to areas of particular environmental importance likely to be affected or the use of natural resources;</p> <p>(f) the impact of the project on climate (for example the nature and magnitude of greenhouse gas emissions) and the vulnerability of the project to climate change; and</p> <p>(g) the technologies and the substances used. The description of the likely significant effects on the factors specified in regulation 4(2) should cover the direct effects and any</p>	

Regulation 18	Schedule 4	Location within this ES
	indirect, secondary, cumulative, transboundary, short-term, medium-term and long-term, permanent and temporary, positive and negative effects of the development. This description should take into account the environmental protection objectives established at Union or Member State level which are relevant to the project, including in particular those established under Council Directive 92/43/EEC and Directive 2009/147/EC.	
(3) (c) a description of any features of the proposed development, or measures envisaged in order to avoid, prevent or reduce and, if possible, offset likely significant adverse effects on the environment.	(7) a description of the measures envisaged to avoid, prevent, reduce or, if possible, offset any identified significant adverse effects on the environment and, where appropriate, of any proposed monitoring arrangements (for example the preparation of a post-project analysis). That description should explain the extent, to which significant adverse effects on the environment are avoided, prevented, reduced or offset, and should cover both the construction and operational stages.	Chapter 4: The Proposed Scheme, Technical Chapters 6 – 12 where applicable and Chapter 13: Assessment of Cumulative Effects.
(3) (d) a description of the reasonable alternatives studied by the developer, which are relevant to the proposed development and its specific characteristics, and an indication of the main reasons for the option chosen, taking into account the effects of the development on the environment.	(2) a description of the reasonable alternatives (for example in terms of development design, technology, location, size and scale) studied by the developer, which are relevant to the proposed project and its specific characteristics, and an indication of the main reasons for selecting	Chapter 5: Consideration of Alternatives.

Regulation 18	Schedule 4	Location within this ES
	the chosen option, including a comparison of the environmental effects.	
(3) (e) a non-technical summary of the information referred to in sub-paragraph (a) to (d)	(9) a non-technical summary of the information provided under paragraphs 1 to 8.	Volume 3: Non-Technical Summary.
<p>(4) an environmental statement must -</p> <p>(a) where a scoping opinion or direction has been issued in accordance with regulation 15 or 16, be based on the most recent scoping opinion or direction issued (so far as the proposed development remains materially the same as the proposed development which was subject to that opinion or direction);</p> <p>(b) include the information reasonably required for reaching a reasoned conclusion of the significant effects of the development on the environment, taking into account current knowledge and methods of assessment;</p> <p>(c) be prepared, taking into account the results of any relevant UK environmental assessment, which are reasonably available to the person preparing the environmental statement, with a view to avoiding duplication of assessment.</p>	-	Chapter 2: Approach to EIA and Technical Chapters 6 – 12 where applicable.
(5) in order to ensure the completeness and quality of the environmental statement -		Chapter 1: Introduction and Appendix 1.1 Statement of Competence.

Regulation 18	Schedule 4	Location within this ES
(a) the developer must ensure that the environmental statement is prepared by competent experts;		
(5) (b) the environmental statement must be accompanied by a statement from the developer outlining the relevant expertise or qualifications of such experts.		Appendix 1.1 Statement of Competence.
-	(3) a description of the relevant aspects of the current state of the environment (baseline scenario) and an outline of the likely evolution thereof without implementation of the development as far as natural changes from the baseline scenario can be assessed with reasonable effort on the basis of the availability of environmental information and scientific knowledge.	Chapter 3: Description of the Site and Surrounds and Technical Chapters 6 – 12.
-	(4) a description of the factors specified in regulation 4(2) likely to be significantly affected by the development: population, human health, biodiversity (for example fauna and flora), land (for example land take), soil (for example organic matter, erosion, compaction, sealing), water (for example hydromorphological changes, quantity and quality), air, climate (for example greenhouse gas emissions, impacts relevant to adaptation), material assets, cultural heritage, including architectural and archaeological aspects, and landscape.	Technical Chapters 6 – 12.

Regulation 18	Schedule 4	Location within this ES
-	(6) a description of the forecasting methods or evidence, used to identify and assess the significant effects on the environment, including details of difficulties (for example technical deficiencies or lack of knowledge) encountered compiling the new required information and the main uncertainties involved.	Technical Chapters 6 – 12.
-	(8) a description of the expected significant adverse effects of the development on the environment deriving from the vulnerability of the development to risks of major accidents and/or disasters which are relevant to the project concerned. Relevant information available and obtained through risk assessments pursuant to EU legislation such as Directive 2012/18/EU of the European Parliament and of the Council or Council Directive 2009/71/Euratom or UK environmental assessments may be used for this purpose provided that the requirements of this Directive are met. Where appropriate, this description should include measures envisaged to prevent or mitigate the significant adverse effects of such events on the environment and the details of preparedness for and proposed response to such emergencies.	Technical Chapters 6 – 12 and Chapter 14: Summary of ES and Schedule of Mitigation.
	(10) a reference list detailing the sources used for the descriptions and assessment included in the environmental statement	Chapters 1 – 14 , provided as endnotes within each chapter.

Project Team and Competent Expertise

- 1.14 Regulation 18, Paragraph 5(a) of the EIA Regulations, requires the EIA to be prepared by competent experts.
- 1.15 Turley are responsible for the coordination and leadership of the EIA process, as well as the compilation and procedural review of the constituent parts of the ES. The Institute of Environmental Management & Assessment (IEMA) has awarded Turley the EIA Quality Mark in recognition of our technical quality and commitment to improvement in practice.
- 1.16 All technical assessment, as presented in **Technical Chapters 6 – 12**, has been undertaken by a suitably qualified Project Team (**Table 1.2**), inclusive of a thorough technical review to assure technical credibility, followed by a subsequent procedural review by the EIA coordination team.
- 1.17 A statement outlining the relevant expertise / qualification of the Project Team is provided within **Appendix 1.1**.



Table 1.2: Project Team

Team Member	Role
Liverpool Football Club and Athletic Grounds Limited	Applicant
Turley	EIA and Planning Consultants, Socio-Economic and Human Health, Built Heritage
Mott Macdonald	Biodiversity, Transport, Noise and Vibration
Planit IE	Townscape and Visual,
RWDI	Climatic Effects (Wind Microclimate)

Supporting Documents and Plans

- 1.18 The ES is one of a number of documents submitted in support of the Application. For a full list of documents and plans and their planning status (i.e. for approval or supporting information) please refer to the **Planning Statement**.
- 1.19 It should be noted that when reference is made to a supporting document, outside the ES, this is to provide additional detail only. Where such documents have been used to inform the ES, references to these are clearly identified within the pertinent chapters. All information and evidence for the purpose of the EIA is provided as part of the ES.
- 1.20 The EIA has been based on the following plans, set out in **Table 1.3**, which are submitted for approval as part of the Application (**Appendix 4.1**).

Table 1.3: Proposed Scheme Plans

Ref	Drawing	Rev
Proposed Plans		
19870-KSS-AB-ZZ-DR-A-9101-S2-P2	Seating Plan	P2
19870-KSS-AR-00-DR-A-9101-S2-P7	Level 00 Proposed Plan	P7
19870-KSS-AR-01-DR-A-9101-S2-P6	Level 01 Proposed Plan	P6
19870-KSS-AR-02-DR-A-9101-S2-P6	Level 02 Proposed Plan	P6
19870-KSS-AR-M0-DR-A-9101-S2-P7	Level 00 Mezzanine Proposed Plan	P7
19870-KSS-AR-R1-DR-A-9101-S2-P6	Level R1 Proposed Roof and Plant Plan	P6
19870-KSS-AR-R2-DR-A-9101-S2-P6	Proposed Roof Plan	P6
Proposed Elevations and Sections		
19870-KSS-AR-ZZ-DR-A-9301-S2-P5	Proposed North East Elevation	P5
19870-KSS-AR-ZZ-DR-A-9302-S2-P4	Proposed North West Elevation	P4
19870-KSS-AR-ZZ-DR-A-9303-S2-P2	Proposed South East Elevation	P2
19870-KSS-AR-ZZ-DR-A-9306-S2-P2	Existing North East Elevation	P2
19870-KSS-AR-ZZ-DR-A-9307-S2-P2	Existing North West Elevation	P2
19870-KSS-AR-ZZ-DR-A-9308-S2-P2	Existing South East Elevation	P2
19870-KSS-AR-ZZ-DR-A-9320-S2-P2	Detailed Elevation 1 - Hospitality Entrance	P2
19870-KSS-AR-ZZ-DR-A-9321-S2-P2	Detailed Elevation 2 - North East Elevation	P2
19870-KSS-AR-ZZ-DR-A-9322-S2-P2	Detailed Elevation 3 - East Elevation	P2
19870-KSS-AR-ZZ-DR-A-9201-S2-P6	Proposed Section A	P6
19870-KSS-AR-ZZ-DR-A-9202-S2-P5	Proposed Section B	P5
19870-KSS-AR-ZZ-DR-A-9203-S2-P4	Proposed Long Section C	P4
Landscaping and Public Realm		
ARS-PLA-XX-XX-DR-L-0003	Tree retention and removal plan	-
ARS-PLA-XX-XX-DR-L-0012	Public realm general arrangement	-
ARS-PLA-XX-XX-DR-L-0013	Public realm hardworks plan	-
ARS-PLA-XX-XX-DR-L-0015	Relocation of waste storage area	-
ARS-PLA-XX-XX-DR-L-0017	Public realm furniture plan	-
ARS-PLA-XX-XX-DR-L-0018	Tree protection works	-
ARS-PLA-XX-XX-DR-L-2000	Softworks general arrangement	-
ARS-PLA-XX-XX-DR-L-2002	Proposed Tree Plan	-
ARS-PLA-XX-XX-DR-L-8002	Existing Car Parking Summary	-

Ref	Drawing	Rev
ARS-PLA-XX-XX-DR-L-8003	Proposed Car Parking Summary	-

Structure of the Environmental Statement

1.21 The ES is provided in three parts, comprising the following:

- Volume 1: Main Text and Figures;
- Volume 2: Technical Appendices; and
- Volume 3: Non-Technical Summary.

1.22 Volume 1 provides the main text of the ES which is divided into 'Chapters' which are supported by a series of figures and technical appendices as required (see Volume 2 below). The structure of Volume 1 is outlined in outlined in **Table 1.4**.

Table 1.4: Structure of Volume 1: Main Text and Figures

Chapter No.	Chapter Title	Description of Content
1	Introduction	Introduction to the ES, including definitions of EIA, legal procedure and requirements of EIA and setting out the structure of the ES.
2	Approach to EIA	Description of the overall method adopted through the EIA process and presented within the ES, including assessment criteria for significance, magnitude of change, level of effect and significance.
3	Description of the Site and Surrounds	Detailing the location of the Site and Proposed Scheme and the current environmental baseline of the Site and surrounding area.
4	The Proposed Scheme	Comprehensive description of all elements of the Proposed Scheme including its physical characteristics across the construction and operational phases, which has informed the assessment undertaken as part of the EIA.
5	Consideration of Alternatives	Outline of the main alternatives considered by the client as required by Schedule 4.
6	Socio-Economic and Human Health	Presentation of assessment of likely significant effects arising from the Proposed Scheme and suggested mitigation considered suitable to avoid, offset or reduce anticipated adverse effects or improve beneficial effects.
7	Townscape and Visual	
8	Built Heritage	
9	Biodiversity	

Chapter No.	Chapter Title	Description of Content
10	Transport	
11	Noise and Vibration	
12	Climatic Effects (Wind and Microclimate)	
13	Assessment of Cumulative Effects	Provides and assessment of cumulative, including effect interactions and in-combination effects.
14	Summary of ES and Schedule of Mitigation	Summarises the outputs of technical assessment presented within the ES as well a schedule of primary and tertiary mitigation considered integral part of the Proposed Scheme and suggested secondary mitigation within the Technical Chapter.

1.23 Volume 2 encompasses a range of technical reports which have informed the technical assessments presented in Volume 1, the contents of the Volume 2 is provided within the contents page.

1.24 Volume 3 provides a summary of the ES in a non-technical language to aid communication and understanding of the Proposed Scheme and the EIA process undertaken.

Availability of the ES

1.25 The Application will be submitted as both digital and hard copy to LCC. All documentation, including the ES will be published on the LCC website for viewing and downloading. Hard copies can be requested from the Applicant (c/o Legends) and Turley for a fee of £700 (hard-copy) or £15 (digital file), via the following contact details:

Legends International
20 Chapel Street
Liverpool, L3 9AG
Tel: 020 7935 9518

Turley
1 New York Street
Manchester, M1 4HD
Tel: 0161 233 7676

1.26 During the determination of the Application, members of the public may comment on the application via LCC, either in writing or through the LCC planning portal website. Comments can be sent via the following contact details:

Liverpool City Council

Building Control
Cunard Building
Water Street
Liverpool
L3 1AH

Tel: 0151 233 3021

Website: <https://liverpool.gov.uk/>

- 1.27 It should be noted that, due to the COVID19 pandemic, temporary provisions to allow continuation of the planning system whilst maintaining social distancing mean that hard copies may not be available for viewing by the public. Instead, all material will be uploaded and available on the planning application page on the LCC website.

References

¹ Town and Country Planning Act 1990.

² Town and Country Planning (Environmental Impact Assessment) Regulations 2017, Statutory Instrument 2017 No.571 as amended by Statutory Instrument 2018 No. 695

³ Ministry of Housing, Communities & Local Government, National Planning Practice Guidance [Online], available at: <https://www.gov.uk/government/collections/planning-practice-guidance> (Accessed on 25/09/2019); and

⁴ Ministry of Housing, Communities & Local Government, National Planning Practice Guidance [Online], available at: <https://www.gov.uk/government/collections/planning-practice-guidance> (Accessed on 25/09/2019).